

IN THE ABSTRACT:

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ABSTRACT

A method of manufacturing a plurality of interconnected vials with a mold. The mold includes a first slide and a second slide. The method comprises contracting the first slide and the second slide so that a plurality of cavity profiles linked together by a plurality of arms is formed. A plurality of core pins is placed within the plurality of cavity profiles so that the core pins are freestanding. A plastic fluid is injected about the plurality of core pins to form a plurality of interconnected vials. The plurality of interconnected vials are removed from the plurality of core pins. The plurality of interconnected vials are placed into a holder tray and a liquid is injected into the vials. The open ends of the vials are heat sealed in order to encapsulate the plurality of interconnected vials. The steps of heat sealing include applying heat, measuring the temperature applied, and measuring the time the heat is applied.